



# HARBOR RIVER BRIDGE REPLACEMENT

## Beaufort County



## Project Update 2019 – Winter

### PROJECT INFORMATION

SCDOT is constructing a new high-level fixed-span bridge and removing the swing-span bridge along US 21 (Sea Island Parkway) over the Harbor River in Beaufort County. The bridge provides the only means for vehicular access from the mainland to Harbor Island, Hunting Island, and Fripp Island. The proposed 3,340' long and 65' tall fixed span bridge, which can be seen in the rendering to the right, will replace the current swing-span bridge that was originally constructed between 1938 and 1940.



### CURRENT ACTIVITIES 2019 – Q4

SCDOT's Design-Build contractor is continuing bridge work on the inland approach from St. Helena island. Work near the Harbor River Channel is taking place on floating barges that are only accessible by boat. The lane closure and flagging operations continue as concrete pours are taking place near the channel; these trucks are only partially loaded to protect the structural integrity of the existing bridge. Drivers will notice the first large bridge beams beginning to arrive onsite in the coming weeks by road and water – these beams will span pier to pier forming the superstructure of the new bridge.

### PROJECT MILESTONES

#### **Embankment Construction**

Construction and surcharging continue on both the St. Helena Island & Harbor Island approaches.

#### **Causeway Construction**

Construction of the temporary causeway on the inland side is complete and work on the first several bridge spans is taking place from this causeway.

#### **Foundation Construction**

Driven pile foundations on the St. Helena side have been completed – drilled shaft foundations continue in deeper water.

#### **Bridge Construction**

Several pier columns and caps have been completed.

*US 21 Harbor River Bridge Replacement Project updates are prepared quarterly.*

**Next Project Update: 2020 Q1**

SCDOT's Project Page:

<https://www.scdot.org/inside/harbor-river-bridge.aspx>

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